

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Tetsuroh MURAKAMI et al.

Serial No.: 09/761,829

Filing Date: July 21, 2003

For: LIGHT EMITTING DIODE

Examiner:

Group Art Unit:

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 09/761,829, filed January 18, 2001, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

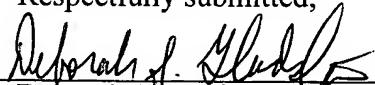
This Information Disclosure Statement is submitted with the application; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing (204552019310).

Dated: July 21, 2003

Respectfully submitted,
By: 
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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 204552019310

Application Number To be assigned

Applicant

Tetsuroh MURAKAMI *et al.*

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	03/1998	5,732,098	Nisitani <i>et al.</i>			
	2.	09/1998	5,808,324	Yamada <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	3.	11/27/1984	59-20888, A2	Japan			Abstract
	4.	07/05/1990	JP2174273	Japan			Abstract
	5.	06/11/1990	2-151085	Japan			Abstract
	6.	10/31/1995	7-288338	Japan			Abstract
	7.	01/19/1996	8-18102	Japan			Abstract
	8.	10/23/1998	10-284756, A2	Japan			Abstract
	9.	12/23/1998	EP 0 886 326, A2	Europe			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	10.	Wang, Li <i>et al.</i> (1996). "Time-Resolved Carrier Recombination Dynamics of 1.3-1.8 nm Broadband Light Emitting Diode Structures," <i>J. Appl. Phys.</i> 80(12):6965-6971.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	6/2001	6,246,078 B1	Sasaki et al.			
	2.	4/1992	5,105,236	Hayakawa et al.			
	3.	3/1998	5,732,098	Nisitani et al.			
	4.	9/1998	5,808,324	Yamada et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	5.	8/2000	JP20000228536 A (338656)	JPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

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